

## CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

**Employer Id :** E82388

**Participation :** CTR

**Employer :** Virginia Mason Medical Center

**Status :** Affected

**Worksite :** First Hill

**Survey Type :** Online

**Street :** 1100 9th Ave

**Response Rate :** 39%

**Jurisdiction :** City of Seattle

**Survey Date :** 10/11/2017

### Non-Drive Alone & One-Way VMT Rates at this Worksite

**Non-Drive Alone Rate :** 73.3%

**Drive Alone Rate :** 26.7%

**One-Way VMT per employee :** 5.1

**Average One-Way distance home to work :** 16.9

### Employees and Survey Response Information

**Reported Total Employees at Worksite :** 3,337

**Surveys Distributed :** 2,381

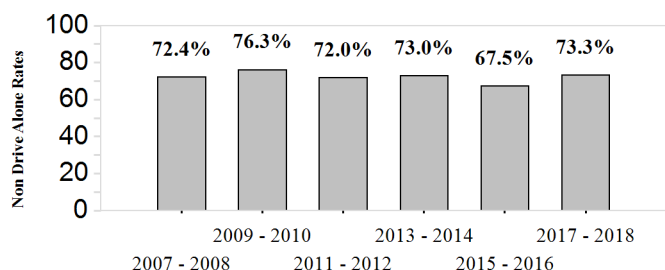
**Surveys Returned :** 930

**Surveys Returned by CTR Affected\* Employees :** 757

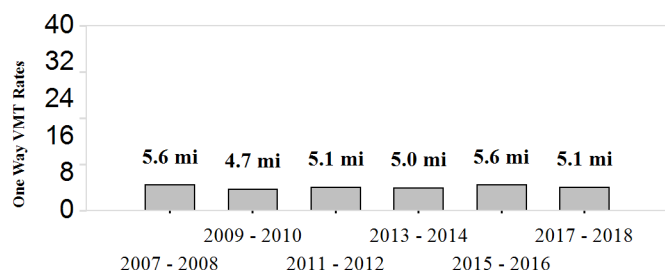
**Total Estimated CTR Affected Employees at Worksite :** 1,938

\*CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.

#### Non Drive Alone Rates - ALL Employees



#### One Way VMT per Employee - ALL Employees



### Site History and Targets

#### Annual Metric Tons CO2e Pounds CO2e

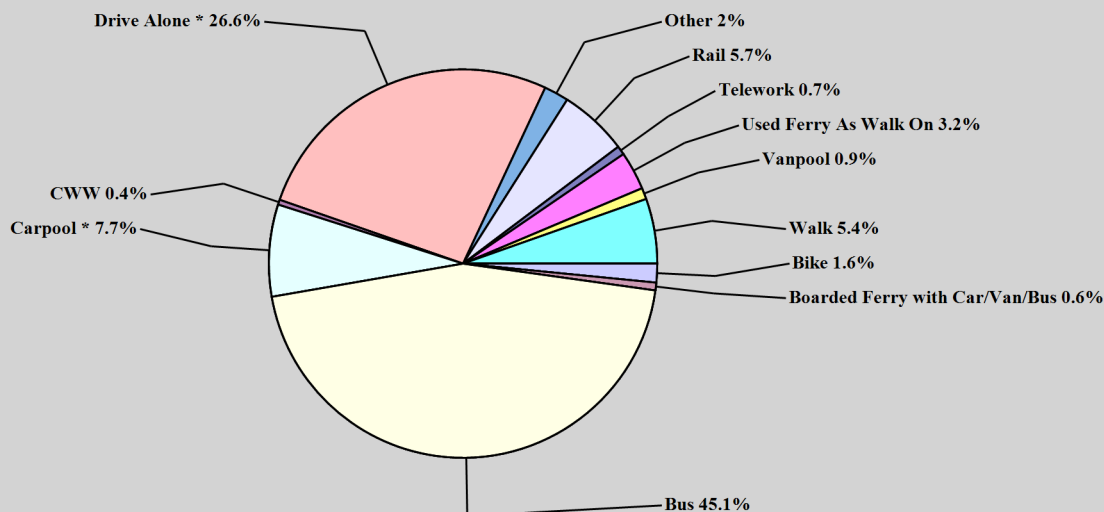
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	72.4%	74.3%	1341	4080	10.8	5.6	5.3
2009 - 2010	76.3%	78.0%	1113	3716	9.8	4.7	4.6
2011 - 2012	72.0%	73.5%	1289	4216	11.1	5.1	4.9
2013 - 2014	73.0%	74.4%	1739	3871	10.2	5.0	4.8
2015 - 2016	67.5%	71.2%	2991	4141	10.9	5.6	5.0
2017 - 2018	73.3%	75.9%	986	3537	9.3	5.1	4.7
Target	56.0%				Target:	N/A	
% Point Change Target:	-16.4				% Change Target:	N/A	
% Point Change from Baseline:	0.9				% Change from Baseline:	-8.9%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

## Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



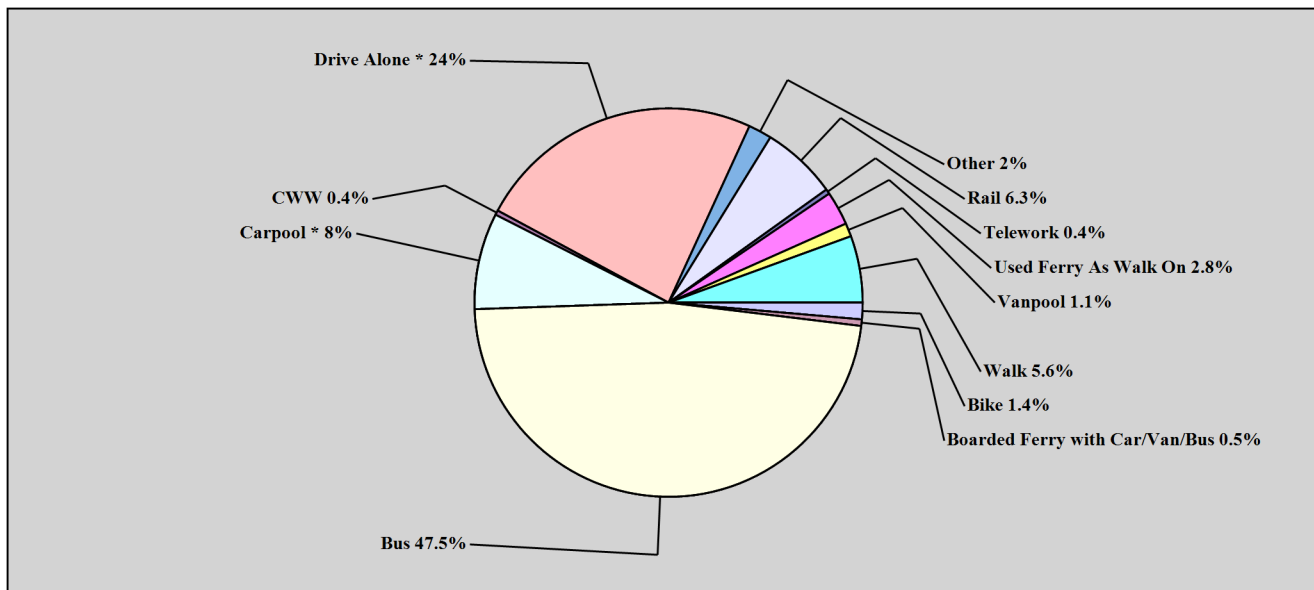
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	1,158	26.6%	32.5%	394	42.4%	46.4%
Carpool *	333	7.7%	8.9%	110	11.8%	12.9%
Vanpool	41	0.9%	0.6%	10	1.1%	0.9%
Bus	1,960	45.1%	37.5%	496	53.3%	44.3%
Rail	249	5.7%	3.7%	71	7.6%	4.4%
Bike	68	1.6%	2.6%	22	2.4%	3.5%
Walk	235	5.4%	8.1%	56	6.0%	8.3%
Telework	32	0.7%	1.0%	13	1.4%	1.7%
CWW	18	0.4%	0.3%	10	1.1%	0.8%
Boarded Ferry with Car/Van/Bus	28	0.6%	0.6%	16	1.7%	0.8%
Used Ferry As Walk On	139	3.2%	2.3%	33	3.5%	2.4%
Other	89	2.0%	1.9%	34	3.7%	2.9%

\* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

## Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	885	24.0%	28.8%	302	39.9%	42.5%
Carpool *	296	8.0%	9.1%	95	12.5%	13.6%
Vanpool	41	1.1%	0.6%	10	1.3%	0.8%
Bus	1,754	47.5%	40.5%	432	57.1%	48.8%
Rail	233	6.3%	4.2%	65	8.6%	5.1%
Bike	51	1.4%	2.8%	16	2.1%	3.9%
Walk	205	5.6%	8.5%	48	6.3%	9.1%
Telework	15	0.4%	0.9%	8	1.1%	1.8%
CWW	14	0.4%	0.3%	9	1.2%	0.9%
Boarded Ferry with Car/Van/Bus	20	0.5%	0.4%	12	1.6%	0.7%
Used Ferry As Walk On	104	2.8%	2.2%	24	3.2%	2.4%
Other	72	2.0%	1.7%	28	3.7%	2.6%

\* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

### Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
<b>0 Day</b>	181	19%	930	100%
<b>1 Days</b>	33	4%	749	81%
<b>2 Days</b>	61	7%	716	77%
<b>3 Days</b>	82	9%	655	70%
<b>4 Days</b>	151	16%	573	62%
<b>5 Days</b>	377	41%	422	45%
<b>6 or More Days</b>	45	5%	45	5%

### Count by Occupancy of Carpools and Vanpools

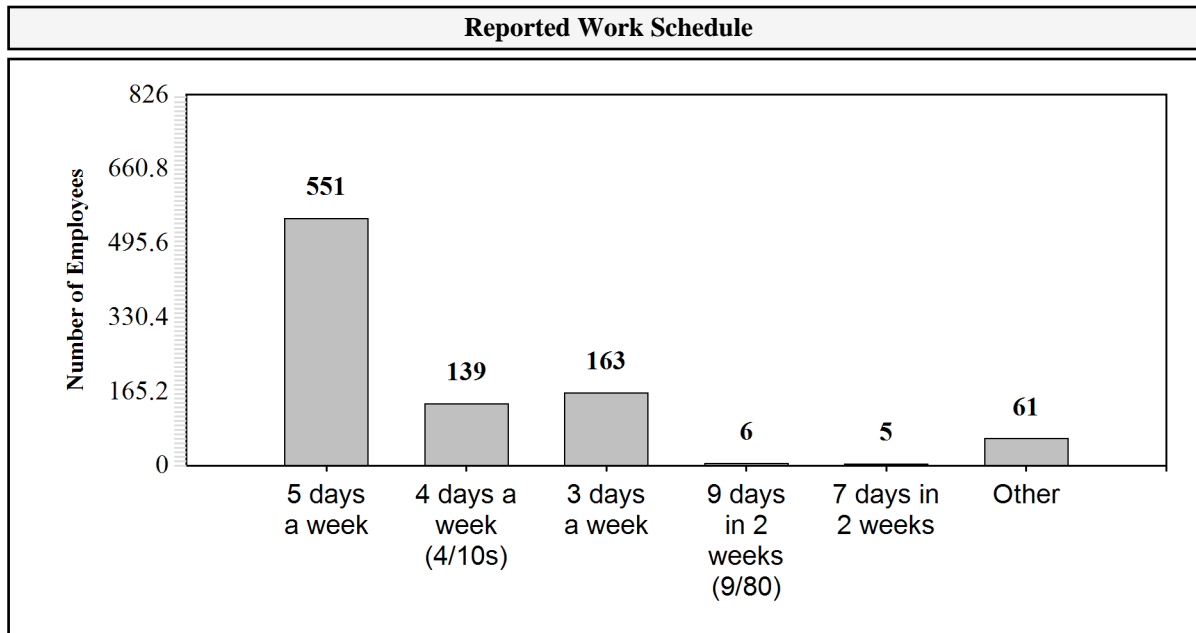
Q.4 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
<b>2*</b>	Carpool	291
<b>3</b>	Carpool	32
<b>4</b>	Carpool	6
<b>5</b>	Carpool	0
<b>&gt;5</b>	Carpool	0
<b>&lt;5</b>	Vanpool	26
<b>5</b>	Vanpool	5
<b>6</b>	Vanpool	5
<b>7</b>	Vanpool	5
<b>8</b>	Vanpool	0
<b>9</b>	Vanpool	0
<b>10</b>	Vanpool	0
<b>11</b>	Vanpool	0
<b>12</b>	Vanpool	0
<b>13</b>	Vanpool	0
<b>14</b>	Vanpool	0
<b>&gt;14</b>	Vanpool	0

\* Motorcycle-2 counted with Carpool-2 for this table.

## Reported Work Schedule - All Employees

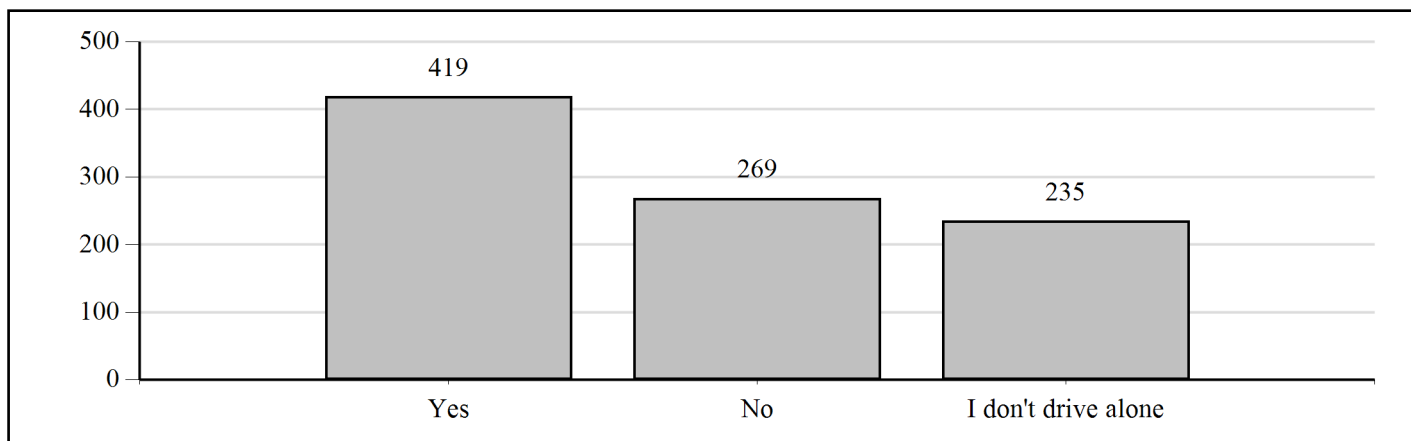
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	551	59.6%
4 days a week (4/10s)	139	15%
3 days a week	163	17.6%
9 days in 2 weeks (9/80)	6	0.6%
7 days in 2 weeks	5	0.5%
Other	61	6.6%

## Parking and Telework

**Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)**



**Q.10: How many days do you typically telework?**

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	5	0.5%
I don't telework	847	91.1%
Occasionally, on an as-needed basis	53	5.7%
1-2 days/month	9	1.0%
1 day/week	5	0.5%
2 days/week	5	0.5%
3 days/week	6	0.6%

## Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Free or subsidized bus, train, vanpool pass or fare benefit	575	25.3%
Cost of parking or lack of parking	541	23.8%
To save money	411	18.1%
Environmental and community benefits	161	7.1%
Personal health or well-being	143	6.3%
Other	121	5.3%
To save time using the HOV lane	105	4.6%
Driving myself is not an option	73	3.2%
Financial incentives for carpooling, bicycling or walking.	67	2.9%
Emergency ride home is provided	33	1.4%
I have the option of teleworking	24	1.1%
Preferred/reserved carpool/vanpool parking is provided	14	0.6%
I receive a financial incentive for giving up my parking space	9	0.4%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	475	26.8%
Other	365	20.6%
I like the convenience of having my car	342	19.3%
Family care or similar obligations	336	19.0%
My job requires me to use my car for work	101	5.7%
My commute distance is too short	56	3.2%
Bicycling or walking isn't safe	56	3.2%
I need more information on alternative modes	35	2.0%
There isn't any secure or covered bicycle parking	6	0.3%

## Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98122	27	2.90%	22	5	0	4	29	0	7	57	0	4	2	0	7
98125	27	2.90%	35	6	0	0	68	0	3	0	0	0	0	0	0
98118	26	2.80%	52	8	0	5	28	22	0	0	0	0	0	0	3
98133	24	2.58%	13	8	5	0	87	0	0	0	0	0	0	0	0
98103	23	2.47%	22	9	0	0	46	0	13	0	0	0	0	0	1
98115	23	2.47%	27	15	0	5	52	3	5	0	0	1	0	0	0
98106	22	2.37%	10	14	0	0	74	0	0	0	0	0	0	0	2
98116	21	2.26%	23	3	0	2	50	0	7	0	0	0	0	1	6
98107	20	2.15%	35	9	0	3	42	0	0	0	2	0	0	0	0
98031	19	2.04%	21	11	0	0	47	6	0	0	0	0	0	0	0
98109	18	1.94%	15	2	0	0	43	1	4	17	1	2	0	0	4
98117	18	1.94%	14	5	0	0	56	0	4	0	0	0	0	0	0
98144	17	1.83%	16	5	0	5	34	11	7	2	0	0	1	0	0
98036	16	1.72%	6	20	5	7	36	0	0	0	0	0	2	0	0
98102	16	1.72%	7	5	0	0	16	0	0	47	0	0	0	0	4
98105	15	1.61%	27	3	0	0	24	6	0	0	0	0	0	0	4
98126	15	1.61%	25	0	0	5	29	0	0	0	0	0	0	5	0
98032	14	1.51%	10	5	0	0	41	11	0	0	0	0	0	0	0
98110	14	1.51%	1	1	0	0	0	0	0	0	0	4	3	54	5
98058	13	1.40%	30	9	0	0	20	3	0	0	0	0	0	0	0
98101	13	1.40%	1	0	0	0	16	0	0	42	0	0	0	0	7
98146	13	1.40%	30	5	5	0	20	1	0	0	0	0	0	0	0
98001	12	1.29%	5	8	0	3	24	21	0	0	0	0	0	0	0
98003	12	1.29%	22	0	0	0	32	3	0	0	0	0	0	0	0
98027	12	1.29%	24	2	0	0	20	0	0	0	0	0	0	0	1
98034	12	1.29%	5	1	0	0	53	1	0	0	0	1	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98155	12	1.29%	11	2	0	3	39	1	0	0	2	0	0	0	0
98026	11	1.18%	13	5	0	0	33	5	0	0	0	0	0	0	0
98112	11	1.18%	14	1	0	4	9	0	5	19	0	0	0	0	0
98119	11	1.18%	17	6	0	3	25	0	1	0	0	0	0	0	0
98121	11	1.18%	3	7	0	0	17	0	0	31	1	0	0	0	2
98168	11	1.18%	21	10	0	0	17	3	0	0	0	0	0	0	0
98012	10	1.08%	5	3	0	0	40	0	0	0	0	0	0	0	0
98020	10	1.08%	12	1	0	0	32	0	0	0	0	0	0	0	0
98033	10	1.08%	11	0	0	0	26	2	1	0	0	0	1	0	0
98087	10	1.08%	14	5	0	0	27	0	0	0	0	0	0	0	0
98178	10	1.08%	23	5	5	0	5	5	0	0	0	0	0	0	2
98002	9	0.97%	17	0	0	0	18	16	0	0	0	0	0	0	0
98006	9	0.97%	9	2	0	0	26	0	0	0	0	0	0	0	0
98037	9	0.97%	9	5	0	0	29	0	0	0	0	0	0	0	0
98055	9	0.97%	19	5	0	0	16	5	0	0	0	0	0	0	0
98092	9	0.97%	19	9	0	0	4	9	0	0	0	0	0	0	0
98166	9	0.97%	9	0	4	0	18	5	0	0	3	0	0	0	1
98208	9	0.97%	7	2	0	0	38	0	0	0	0	0	0	0	0
98023	8	0.86%	16	1	0	0	19	0	0	0	3	0	0	0	0
98030	8	0.86%	15	0	0	0	22	3	0	0	0	0	0	0	0
98040	8	0.86%	6	3	0	0	26	0	2	0	0	0	0	0	2
98188	8	0.86%	9	10	0	0	11	11	0	0	0	0	0	0	0
98198	8	0.86%	3	5	0	0	15	9	0	0	0	0	0	0	1
98199	8	0.86%	12	1	0	0	26	0	0	0	0	0	1	0	0
98204	8	0.86%	14	1	0	2	25	1	0	0	0	0	0	0	0
98043	7	0.75%	1	0	0	0	34	0	0	0	0	0	0	0	0
98052	7	0.75%	16	0	0	0	19	0	0	0	0	0	0	0	0
98104	7	0.75%	6	0	0	5	6	0	0	14	0	2	0	0	0
98136	7	0.75%	17	0	0	0	12	0	0	0	0	0	0	0	4



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98029	6	0.65%	17	0	0	0	11	0	0	0	0	0	0	0	0
98042	6	0.65%	9	0	0	0	13	5	0	0	0	0	0	0	2
98056	6	0.65%	22	0	0	0	2	0	0	0	0	1	0	0	1
98075	6	0.65%	18	4	0	0	5	0	0	0	0	1	0	0	0
98108	6	0.65%	14	1	0	0	5	11	0	0	0	0	0	0	0
98270	6	0.65%	3	4	1	0	19	0	0	0	0	0	0	0	2
98311	6	0.65%	1	0	0	0	0	0	0	0	0	0	4	27	0
98011	5	0.54%	5	1	0	0	18	0	0	0	0	0	0	0	0
98070	5	0.54%	6	0	0	0	4	0	0	0	0	0	1	9	3
98203	5	0.54%	4	4	0	0	12	4	0	0	0	0	0	0	0
98296	5	0.54%	0	9	0	0	15	0	0	0	0	0	0	0	0
98004	4	0.43%	6	0	0	0	2	0	4	0	5	0	0	0	0
98005	4	0.43%	8	0	0	0	6	0	0	0	0	0	0	0	0
98008	4	0.43%	7	0	0	0	10	0	0	0	0	0	0	0	5
98201	4	0.43%	2	8	0	0	10	0	0	0	0	0	0	0	0
98275	4	0.43%	1	0	0	0	20	0	0	0	0	0	0	0	0
98372	4	0.43%	1	0	0	0	0	14	0	0	0	0	0	0	5
98402	4	0.43%	3	0	0	0	17	0	0	0	0	0	0	0	0
98422	4	0.43%	3	0	5	0	11	2	0	0	0	0	0	0	0
	3	0.32%	1	5	0	0	4	0	0	5	0	0	0	0	0
98007	3	0.32%	5	0	0	0	5	0	0	0	0	0	0	0	0
98014	3	0.32%	1	7	0	0	6	0	0	0	0	0	0	0	0
98028	3	0.32%	5	0	0	0	9	0	0	0	0	0	0	0	0
98038	3	0.32%	9	0	0	0	5	0	0	0	0	0	0	0	0
98045	3	0.32%	9	5	0	0	0	0	0	0	0	0	0	0	0
98047	3	0.32%	0	9	0	0	5	0	0	0	0	0	0	0	0
98074	3	0.32%	7	2	0	0	5	0	0	0	0	0	0	0	0
98258	3	0.32%	4	0	4	0	8	0	0	0	0	0	0	0	0
98290	3	0.32%	10	4	0	0	0	0	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98310	3	0.32%	2	0	0	0	0	0	0	0	0	0	6	3	0
98367	3	0.32%	5	2	0	0	0	0	0	0	0	0	0	10	0
98409	3	0.32%	5	0	0	0	9	0	0	0	0	0	0	0	0
98019	2	0.22%	4	0	0	0	4	0	0	0	0	0	0	0	0
98021	2	0.22%	0	0	0	0	0	5	0	0	0	0	0	0	0
98024	2	0.22%	9	0	0	0	1	0	0	0	0	0	0	0	0
98053	2	0.22%	0	0	2	0	8	0	0	0	0	0	0	0	0
98057	2	0.22%	0	0	0	0	10	0	0	0	0	0	0	0	0
98059	2	0.22%	5	0	0	0	2	0	0	0	0	0	0	0	0
98065	2	0.22%	3	4	0	0	3	0	0	0	0	0	0	0	1
98072	2	0.22%	5	0	0	0	4	0	0	0	0	0	1	0	0
98148	2	0.22%	7	0	0	0	2	0	0	0	0	0	1	0	0
98177	2	0.22%	0	0	0	0	5	0	0	0	0	0	0	0	5
98312	2	0.22%	0	0	0	0	0	0	0	0	2	0	0	8	0
98321	2	0.22%	0	0	0	0	5	2	0	0	0	0	0	0	0
98337	2	0.22%	0	0	0	0	0	0	0	0	0	0	3	4	0
98370	2	0.22%	0	0	0	0	0	0	0	0	0	0	0	10	0
98374	2	0.22%	0	0	0	0	0	9	0	0	0	1	0	0	0
98375	2	0.22%	1	0	0	0	0	10	0	0	0	0	0	0	0
98382	2	0.22%	0	3	0	0	0	0	0	0	0	0	0	2	1
98391	2	0.22%	1	0	0	0	4	0	0	0	0	0	0	0	0
98404	2	0.22%	2	1	0	0	8	0	0	0	0	0	0	0	0
98466	2	0.22%	1	0	0	0	3	5	0	0	0	0	0	0	0
21218	1	0.11%	0	0	0	0	0	0	0	0	5	0	0	0	0
68144	1	0.11%	0	0	0	0	0	0	5	0	0	0	0	0	0
94080	1	0.11%	0	0	0	0	5	0	0	0	0	0	0	0	0
98022	1	0.11%	1	2	0	0	0	2	0	0	0	0	0	0	0
98063	1	0.11%	4	0	0	0	0	0	0	0	0	0	0	0	0
98077	1	0.11%	0	0	0	0	5	0	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98111	1	0.11%	0	0	0	0	0	0	0	1	0	0	0	0	0
98253	1	0.11%	0	0	0	0	0	0	0	0	2	1	2	0	0
98271	1	0.11%	0	0	5	0	0	0	0	0	0	0	0	0	0
98277	1	0.11%	3	0	0	0	0	0	0	0	0	0	0	0	0
98294	1	0.11%	4	0	0	0	0	0	0	0	0	0	0	0	0
98329	1	0.11%	0	0	0	0	5	0	0	0	0	0	0	0	0
98335	1	0.11%	3	0	0	0	0	0	0	0	0	0	0	0	0
98346	1	0.11%	0	0	0	0	2	0	0	0	0	0	0	2	0
98354	1	0.11%	3	0	0	0	0	0	0	0	0	0	0	0	0
98373	1	0.11%	1	0	0	0	0	1	0	0	0	0	0	0	0
98387	1	0.11%	3	0	0	0	0	0	0	0	0	0	0	0	0
98392	1	0.11%	0	0	0	0	0	0	0	0	0	0	0	4	0
98403	1	0.11%	0	0	0	0	0	5	0	0	0	0	0	0	0
98406	1	0.11%	1	0	0	0	4	0	0	0	0	0	0	0	0
98407	1	0.11%	0	0	0	0	0	3	0	0	2	0	0	0	0
98408	1	0.11%	0	0	0	0	5	0	0	0	0	0	0	0	0
98418	1	0.11%	1	0	0	0	3	0	0	0	0	0	0	0	0
98424	1	0.11%	0	2	0	0	0	3	0	0	0	0	0	0	0
98444	1	0.11%	0	0	0	0	7	0	0	0	0	0	0	0	0
98445	1	0.11%	0	0	0	0	5	0	0	0	0	0	0	0	0
98501	1	0.11%	7	0	0	0	0	0	0	0	0	0	0	0	0
98502	1	0.11%	0	0	0	0	0	4	0	0	0	0	0	0	0
98503	1	0.11%	1	1	0	0	3	0	0	0	0	0	0	0	0
98580	1	0.11%	0	0	0	0	0	0	0	0	0	0	0	0	7
98862	1	0.11%	0	0	0	0	0	0	0	0	4	0	0	0	1